

Rec'd PTO 19 DEC 2005

"Express Mail Label Number EV 487107627 US  
I hereby certify that this correspondence is being deposited with the United States  
Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10  
on December 19, 2005 and is addressed to Mail Stop PCT, Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Signature of person mailing correspondence)

Mark A. Hixon

(Typed name of person mailing correspondence)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ]  
NATARAJAN THIAGARAJAN, MAX ]  
HEINRITZ-ADRIAN, SASCHA WENZEL, ] Group Art Unit:  
and JOHANNES MENZEL ]  
] Application No. 10/532,843 ]  
Filing Under 35 U.S.C. 371 in the DO/EO/US ] Examiner:  
of PCT/EP2003/011948 filed 28 October 2003 ]  
For: METHOD FOR CATALYTICALLY ] Attorney Docket 1-17016  
DEHYDRATING HYDROCARBONS ]

December 19, 2005

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Honorable Sir:

Pursuant to Section 1.97 of the Code of Federal Regulations, and prior to the issuance of a first office action, record is hereby made of information the United States Patent and Trademark Office may wish to consider during examination of the above-entitled application which is being filed concurrently herewith under 35 U.S.C. 371. No representation is made or intended that a prior art search was conducted, or that no better art than that listed is available.

As this Information Disclosure Statement is being submitted prior to a first Office Action on the merits, it is respectfully submitted that no fee is required for consideration of this IDS.

The following patent documents are cited on the respective pages of the present application, which also serves as a statement of relevance for any non-English references:

US 5,235,121        pages 1 and 4  
DE 1 985 8747 A1    page 1  
EP 0 799 169 B1    page 2 (corresponds to US 5,997,826 and WO96/19424)  
WO 96/33150        page 2 (corresponds to US 5,257,979)

The following patent documents were all cited in the International Search Report of the corresponding International application, a copy of which is attached hereto in the English language for the Examiner's convenience, and serves as a statement of relevance for any non-English references:

WO 96/19424 A (corresponds to US 5,997,826 and EP 0 799 169)  
US 4,599,471  
US 4,886,928

Copies of the above-noted foreign patent documents are enclosed herewith, along with Form PTO/SB/08A. It is requested that they be fully considered and made of record in this case.

Respectfully submitted,

  
\_\_\_\_\_  
Mark A. Hixon  
Registration No. 44,766

ATTORNEYS  
Marshall & Melhorn, LLC  
Four SeaGate - 8<sup>th</sup> Floor  
Toledo, Ohio 43604

Customer No. 001678  
Phone: (419) 249-7114  
Fax: (419) 249-7151

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Show

1

21

1

<i>Complete if Known</i>	
Application Number	10/532,843
Serial Date	
First Named Inventor	Natarajan Thiagarajan et al
Unit	
Examiner Name	
Previous Docket Number	1-17016

U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
/I.B./	WO 96/33150 A1		10-24-1996	Aaskar et al	corresp US5527979
	WO 96/19424 A1		06-27-1996	Lodeng et al	corresp EP0799169
↓	EP 0 799 169		06-27-1996	Lodeng et al	corresp WO96/19424
	DE19858747 A1		06-21-2000	Linde AG	

**Examiner**

In Suk Bullock

Date Considered

03/30/2008

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. <sup>4</sup>Entered Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>End of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language transcription is attached.

TRANSMISSION IS ATTACHED.

THE FILING OF AN INFORMATION IS REQUIRED BY 37 CFR 1.97 and 1.68. THE INFORMATION IS REQUIRED TO OBTAIN OR RETAIN A BENEFIT BY THE PUBLIC WHICH IS TO FILE (AND BY THE USPTO) TO PROCESS AN APPLICATION. CONFIDENTIALITY IS GOVERNED BY 35 U.S.C. 122 AND 37 CFR 1.14. THIS COLLECTION IS ESTIMATED TO TAKE 2 HOURS TO COMPLETE, INCLUDING GATHERING, PREPARING, AND SUBMITTING THE COMPLETED APPLICATION FORM TO THE USPTO. TIME WILL VARY DEPENDING UPON THE NUMBER OF CLAIMS. ANY COMMENTS OR THE AMOUNT OF TIME YOU REQUIRE TO COMPLETE THIS FORM, AND/OR SUGGESTIONS FOR REDUCING THIS BURDEN, SHOULD BE SENT TO THE CHIEF INFORMATION OFFICER, U.S. PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.